

SUPPLEMENTAL AMENDMENT

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Title: METHOD AND APPARATUS FOR REDUCING INACCURACIES WHEN PROCESSING COLOR DATA WITH A MATRIX

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (Original) A method of processing color image data, comprising:
 - (a) examining the color components of a pixel in the image;
 - (b) selectively applying a matrix to the color components of the pixel to create an output color component only when the pixel is not in a dark area of the image.
2. (Original) The method of claim 1, further comprising:
repeating steps (a) and (b) for essentially each pixel in the image.
3. (Original) The method of claim 1, further comprising:
blending the transition between pixels in the image that are in a dark area and pixels in the image that are not in a dark area.
4. (Original) A method of processing color image data contained in an array of pixels, comprising: selecting at least one threshold;
 - (a) reading the color components of a pixel;
 - (b) transforming the color components of the pixel with a matrix when any of the color components of the pixel are greater than the threshold and otherwise preserving the pixel.
5. (Original) The method of claim 4, further comprising:
repeating steps (a) and (b) for essentially each pixel in the array.
6. (Original) A method of processing color image data contained in an array of pixels, comprising:
 - (a) defining at least one threshold;

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